

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA03813AT

This certificate issued to PMA Design & Manufacturing Inc.
8493 Baymeadows Way
Jacksonville, FL 32256

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product - Type Certificate Number : A9EA

Make : Viking Air Limited (DeHavilland, Bombardier)

Model : DHC-6-100, -200, -300

Description of Type Design Change: Installation of two (2) digital Turbine Temperature (T5) Indicators and two (2) circuit breakers per PMA Design & Manufacturing Inc, Master Data List Document PDMT5-01, Rev. C, Dated September 3, 2009, or later FAA Approved Revisions. PMA Design & Manufacturing Inc, P/N PDMC6CSC1085-9 (TSO-C43c) replaces the two analog Turbine Temperature (T5) Indicators OEM P/N's C6SC1085-5 or C6SC1085-9 on aircraft with PT6-27 or PT6-34 engines.

Limitations and Conditions : "This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission."

(See continuation sheet 2 of 2)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : November 13, 2006

Date received :

Date of issuance : October 23, 2009

Date amended :



By direction of the Administrator

Melvin D. Taylor

(Signature)
Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office

(Title)

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Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA03813AT

Date of Issuance: October 23, 2009

Certification Basis: Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for parts changed or affected by the change since the reference date of application, Nov 13, 2006, is based upon the following Title 14 Part 23 Code of Federal Regulations and amendments:

§23.1301 (a-1, 2, 3, 4), (b), Amdt. 23-14
§23.1321 (a), (c), Amdt. 23-14
§23.1365 (a), Amdt. 23-14
§23.1521 (a), (b-3), Orig.
§23.1549 (a), (b), (c), Orig.

§23.1305, Amdt. 23-14
§23.1351 (a-1,-2), (b-1ii, iii), Orig.
§23.1381 (a), (b), Orig.
§23.1529, Amdt. 23-26

§23.1309 (a-2), (c), Amdt. 23-14
§23.1357 (a-1, -2), (b), (c-1, -2), (d), Orig
§23.1431 Orig
§23.1543 (a), Orig.

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